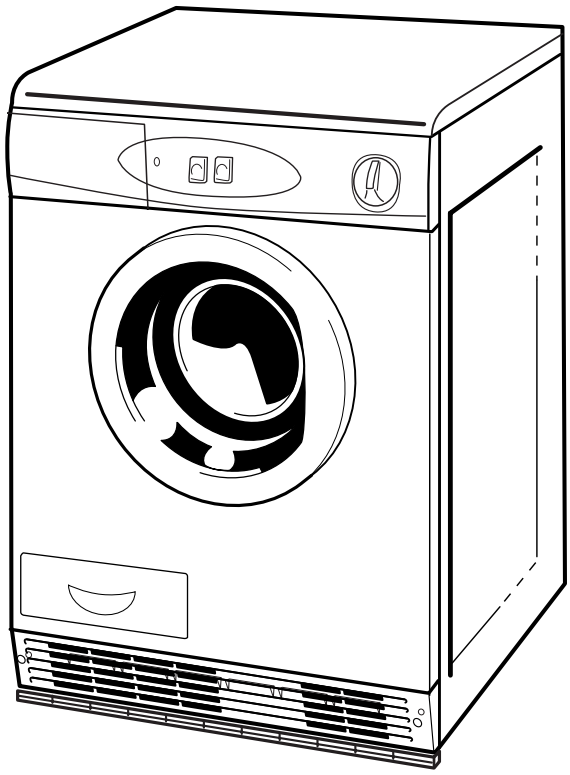
White Knight

SERVICE MANUAL

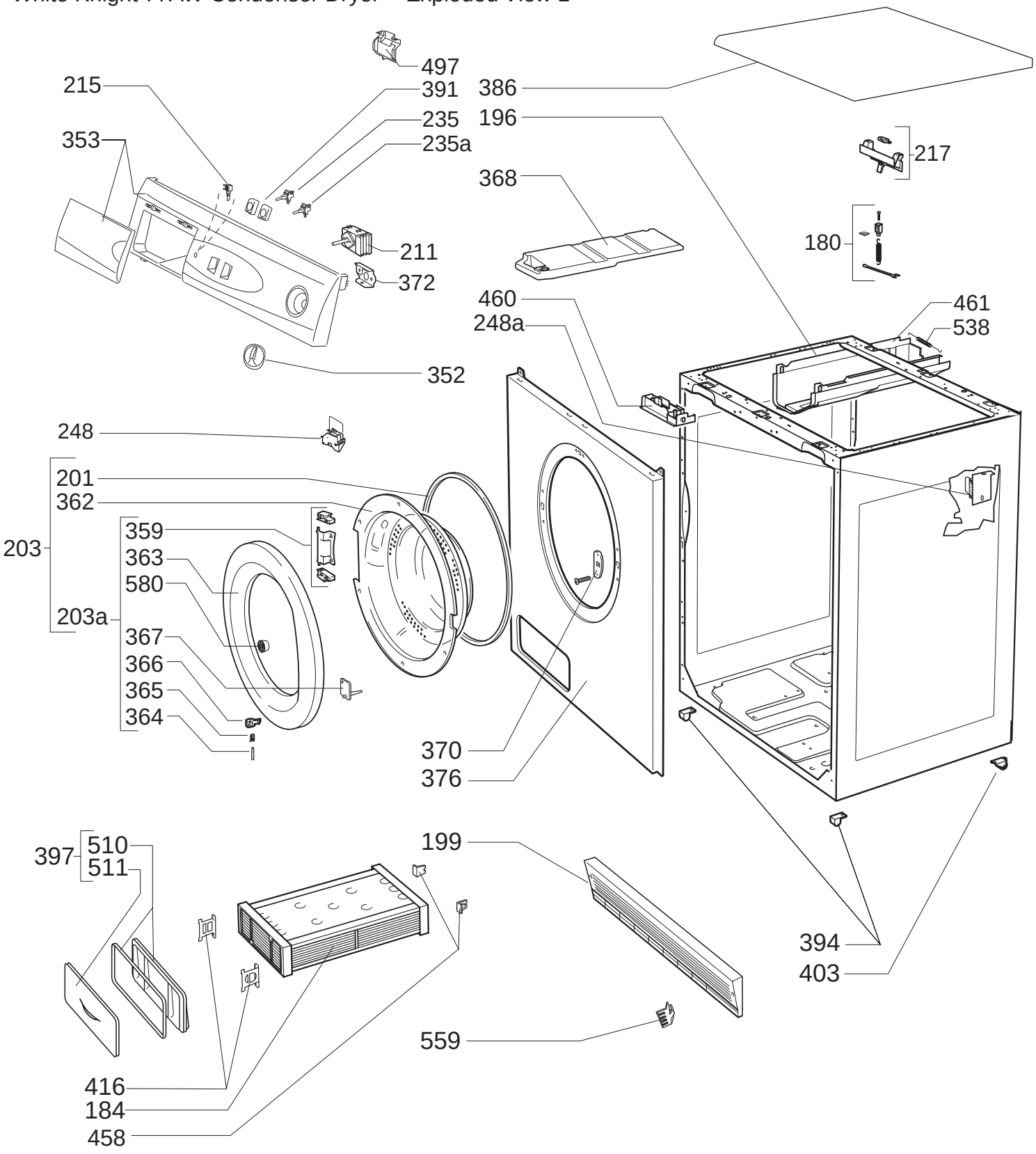
White Knight 77AW - 0312 76A 15002
Time Steered Condenser Dryer - UK



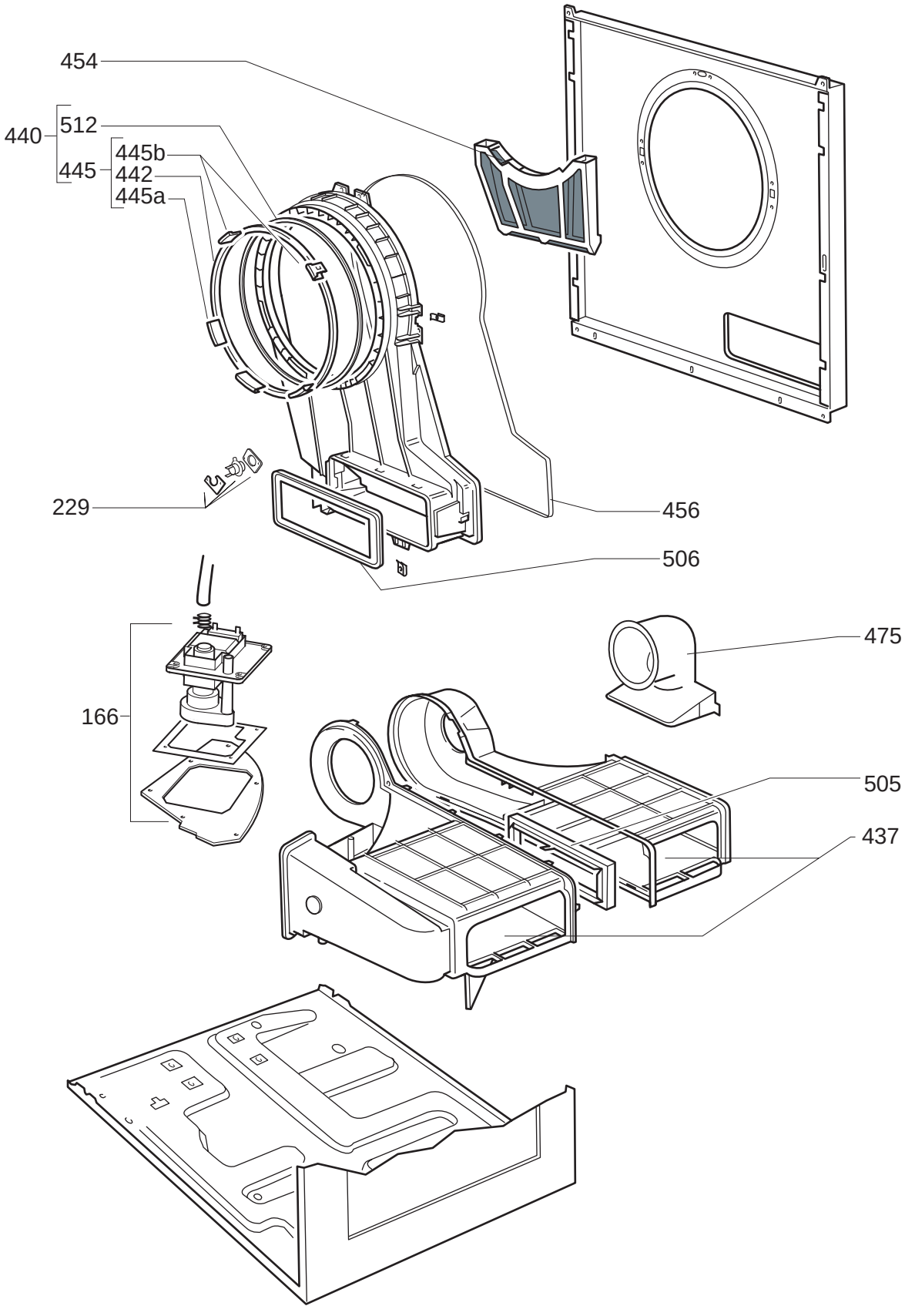
Wiring Diagram
Exploded Views
Parts List

April 2008

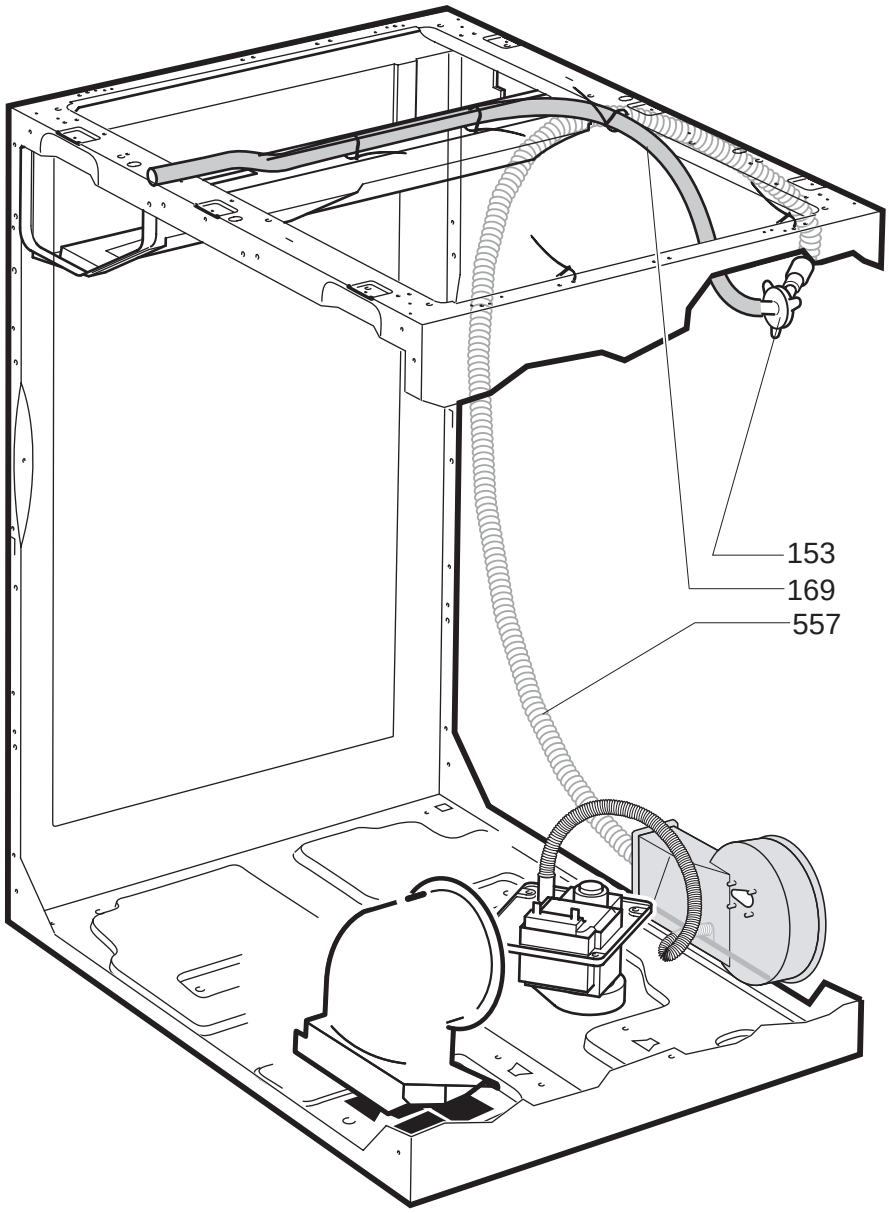
White Knight 77AW Condenser Dryer - Exploded View 1



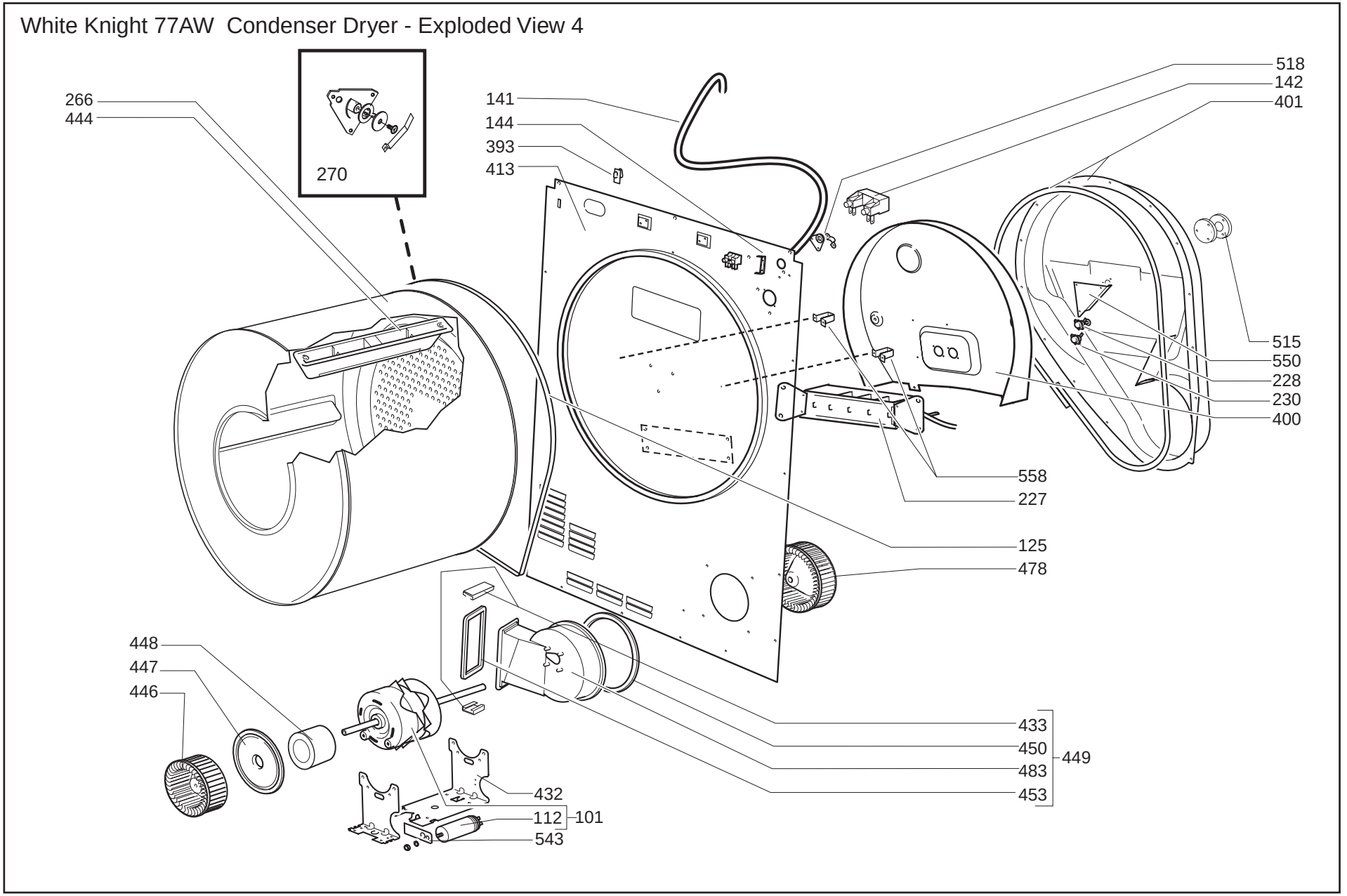
White Knight 77AW Condenser Dryer - Exploded View 2

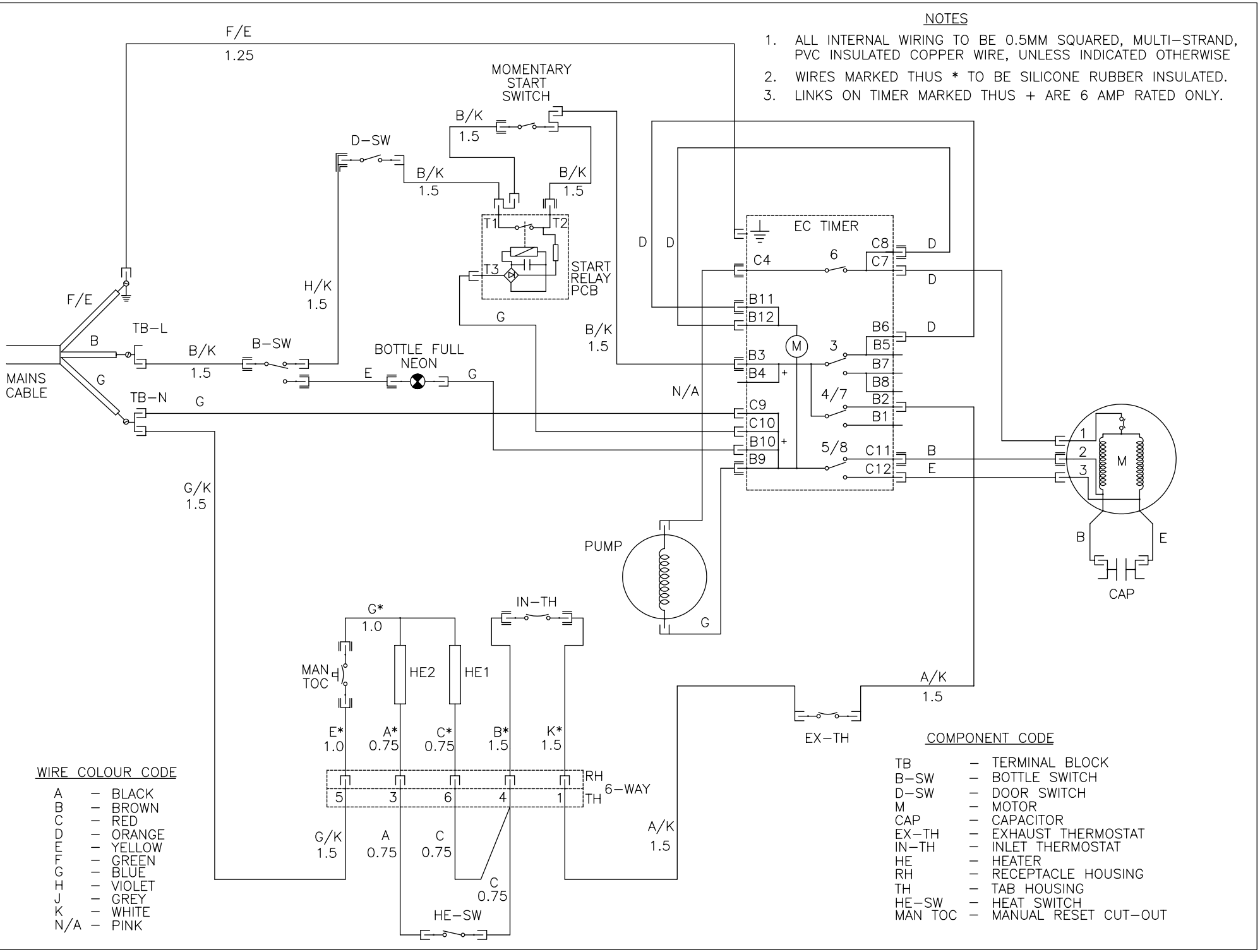


White Knight 77AW Exploded View 3



White Knight 77AW Condenser Dryer - Exploded View 4




NOTES
1. ALL INTERNAL WIRING TO BE 0.5MM SQUARED, MULTI-STRAND, PVC INSULATED COPPER WIRE, UNLESS INDICATED OTHERWISE
2. WIRES MARKED THUS * TO BE SILICONE RUBBER INSULATED.
3. LINKS ON TIMER MARKED THUS + ARE 6 AMP RATED ONLY.
F/E
1.25
MOMENTARY START SWITCH
B/K
1.5
D-SW
B/K
1.5
B/K
1.5
T1
T2
T3
START RELAY PCB
EC TIMER
C8
C7
C4
6
B11
B12
B6
B5
B3
B4
3
B7
B8
4/7
B2
B1
C9
C10
B10
B9
5/8
C11
C12
B
E
M
1
2
3
CAP
F/E
TB-L
B
B/K
1.5
B-SW
H/K
1.5
BOTTLE FULL NEON
E
G
MAINS CABLE
G
TB-N
G
B/K
1.5
N/A
G/K
1.5
PUMP
G
G*
1.0
IN-TH
MAN TOC
HE2
HE1
E*
1.0
A*
0.75
C*
0.75
B*
1.5
K*
1.5
RH
5
3
6
4
1
TH
6-WAY
G/K
1.5
A
0.75
C
0.75
C
0.75
HE-SW
A/K
1.5
EX-TH
A/K
1.5
WIRE COLOUR CODE
A - BLACK
B - BROWN
C - RED
D - ORANGE
E - YELLOW
F - GREEN
G - BLUE
H - VIOLET
J - GREY
K - WHITE
N/A - PINK
COMPONENT CODE
TB - TERMINAL BLOCK
B-SW - BOTTLE SWITCH
D-SW - DOOR SWITCH
M - MOTOR
CAP - CAPACITOR
EX-TH - EXHAUST THERMOSTAT
IN-TH - INLET THERMOSTAT
HE - HEATER
RH - RECEPTACLE HOUSING
TH - TAB HOUSING
HE-SW - HEAT SWITCH
MAN TOC - MANUAL RESET CUT-OUT

Item	Description	Part Number	Expl.View
101	Motor + 8µf Capacitor Assembly	4213 092 21001	4
112	Capacitor Assembly 8µf	4213 092 08091	4
125	Drive Belt	4213 092 19501	4
141	Mains Cable	4213 076 35123	4
142	Terminal Block	4213 078 44621	4
144	Earth Tab Assembly	4213 092 41181	4
153	Valve	4213 077 85111	4
166	Pump Assembly	4213 092 25211	2
169	Valve to Pipe Assembly	4213 092 40391	3
180	Bottle Switch Adjuster Assembly	4213 092 17431	1
184	Condensing Unit/Heat Exchanger	4213 092 45991	1
196	Cabinet Assembly	4213 092 43691	1
199	Ignis Plinth	4213 092 46811	1
201	Door Seal	4213 092 21051	1
203	Ignis Full Door/Window Assembly	4213 092 46041	1
203a	Ignis Door Frame Assembly	4213 092 46051	1
211	EC4817.02B Timer	4213 078 55142	1
215	Bottle Neon Assembly	4213 092 09901	1
217	Bottle Switch Assembly	4213 092 21291	1
227	Heater Assembly	4213 092 44911	4
228	Heater TOC (Manual Reset) Assembly	4213 092 21261	3
229	Exhaust Thermostat	4213 092 21081	2
230	Inlet Thermostat	4213 092 21251	3
235	Heat Switch	4213 078 52401	1
235a	Start Switch	4213 078 52762	1
248	Door Micro-Switch Assembly	4213 092 05251	1
248a	Door Interlock Relay Board	4213 092 48771	1
266	Drum Assembly (includes items 270 & 444)	4213 092 37081	1 & 2
270	Drum Shaft/Bearing Kit Assembly	4213 092 05591	4
352	Timer Knob Assembly	4213 092 45741	1
353	Control Panel Assembly	4213 092 46221	1
359	Ignis Door Hinge Assembly	4213 092 26071	1
362	Window	4213 077 44094	1
363	Ignis Door Frame	4213 092 45671	1
364	Latch Pivot	4213 075 13013	1
365	Latch Spring	4213 075 70833	1
366	Door Latch	4213 077 53413	1
367	Switch Strike	4213 077 83571	1
368	Bottle	4213 092 17941	1
370	Latch Guide	4213 077 40992	1
372	Timer Bracket	4213 070 10932	1
376	Front Panel Assembly	4213 092 46021	1
386	Ellipse Top Cover Assembly	4213 092 46211	3
391	Buttons Assembly	4213 092 45781	1
393	Flex Support Clip	4213 077 40982	4
394	Foot	4213 077 39833	1
397	Condenser Door Assembly	4213 092 43721	1
400	Insulating Plate	4213 092 44951	4
401	Rear Banjo Duct Assembly	4213 092 44941	4
403	Roller Assembly	4213 092 35651	1
413	Back Panel Assembly	4213 092 40371	4
416	Heat Exchanger Links	4213 092 37481	1
432	Motor Bracket Assembly	4213 092 26161	4
433	Seal Clamp Kit	4213 092 27661	4

437	Condenser Housing Assembly	4213 092 21151	2
440	Banjo/Seals/Clips/Bearing Pads Assembly	4213 092 21161	2
442	Front Seal	4213 077 40942	2
444	Lifter	4213 077 41009	4
445	Front Bearings/Drum Seal Assembly	4213 092 21171	2
445a	Bearing Pads (long)	4213 077 40962	2
445b	Bearing Pads (short)	4213 077 40952	2
446	Cooling Air Fan	4213 077 56173	4
447	Fan Cover Assembly	4213 092 21181	4
448	Seal Fan Access Cover	4213 077 08871	4
449	Inlet Duct Case Assembly	4213 092 21241	4
450	Inlet Duct Panel Seal	4213 077 09041	4
453	Inlet Duct Rear Seal	4213 077 08567	4
454	V Filter	4213 092 18351	2
456	Banjo Seal	4213 077 08486	2
458	Condenser Latch Set	4213 092 21191	1
460	Pivot Bracket	4213 077 51408	1
461	Bottle Housing Assembly	4213 092 17951	1
475	Inlet Duct Assembly	4213 092 37531	2
478	Re-Circulating Fan	4213 092 34011	4
497	Switch Cover	4213 177 01141	1
506	Housing - Banjo Seal	4213 077 60796	2
510	Condenser Door Inner	4213 077 82211	1
511	Condenser Door Outer	4213 077 90111	1
512	Front Felt	4213 078 55972	2
515	T.O.C. Cover & Seal Unit	4213 092 09491	4
538	Housing Drawbar Spring	4213 078 53494	1
543	Capacitor Bracket	4213 070 09323	4
550	Anti-Foul Plate	4213 070 12601	4
557	Hose	4213 092 40381	3
558	Heater Mounting Brackets (Top Hats)	4213 070 14471	4
559	Exhaust Deflector	4213 077 83041	1
580	Door Buffer	4213 077 89071	1

Not Shown On Exploded Views

Loom Assembly	4213 176 00332
User Instruction Booklet	4213 094 67441